

What is claimed is:

1. A reservation acceptance system comprising:
  - a request acceptance portion for accepting a request  
5 for providing a service;
  - a current position information obtaining portion for obtaining current position information that indicates a current position of a customer who made the request;
  - an area information storage portion for storing area  
10 information that defines a predetermined area around a provision position of the service;
  - an existence decision portion for deciding whether or not the customer who made the request is within the predetermined area in accordance with the current position  
15 information and the area information; and
  - a reservation acceptance processing portion that performs a reservation acceptance process for accepting a reservation of the service that relates to the request when it is decided that the customer who made the request  
20 is within the predetermined area and does not perform the reservation acceptance process when it is decided that the customer is not within the predetermined area.
2. The reservation acceptance system according to claim 1, further comprising a provided quantity  
25 information obtaining portion for obtaining provided quantity information concerning a quantity of the service that can be provided, wherein
  - the area information has a parameter that indicates the quantity, so that the predetermined area is defined as  
30 a larger area as the quantity indicated by the parameter

is larger, and

the existence decision portion performs the decision by deciding whether or not the customer who made the request is within an area that is defined in accordance  
5 with the quantity indicated by the provided quantity information and the area information.

3. The reservation acceptance system according to claim 1, wherein the request acceptance portion accepts the request together with a designation of a desired time  
10 for receiving the service,

the area information has a parameter that indicates a time so that the predetermined area is defined as a larger area as the time indicated by the parameter is longer, and

15 the existence decision portion performs the decision by deciding whether or not the customer who made the request is within an area that is defined in accordance with the time related to the designation and the area information.

20 4. The reservation acceptance system according to claim 1, wherein if a request for a temporary reservation is received from the customer after the result of the decision that the customer who made the request is not within the predetermined area is obtained,

25 the current position information obtaining portion obtains the current position information of the customer newly,

the existence decision portion performs the decision newly in accordance with the newly obtained current  
30 position information, and

the reservation acceptance processing portion performs the reservation acceptance process if it is decided by the newly performed decision that the customer is within the predetermined area.

5           5. The reservation acceptance system according to claim 1, further comprising:

          an arrival time forecast portion for forecasting a time of arrival when the customer who made the request for the reservation that was processed by the reservation  
10 acceptance process will arrive at the provision position;

          an arrival possibility decision portion for deciding whether or not the customer who made the request will arrive by the forecasted time of arrival in accordance with the time of arrival, the present time and the current  
15 position information of the customer that was obtained newly after the reservation acceptance process had been performed, and

          a cancel processing portion for performing a process for canceling the reservation related to the request when  
20 it is decided that the customer who made the request will not arrive by the forecasted time of arrival.

6. A reservation acceptance system for accepting a reservation of a parking lot, comprising:

          a request acceptance portion for accepting a request  
25 for parking a car in the parking lot;

          a current position information obtaining portion for obtaining current position information that indicates a current position of a customer who made the request;

          an area information storage portion for storing area  
30 information that defines a predetermined area around the

parking lot;

an existence decision portion for deciding whether or not the customer who made the request is within the predetermined area in accordance with the current position  
5 information and the area information; and

a reservation acceptance processing portion that performs a reservation acceptance process for accepting a reservation of the parking lot for the customer when it is decided that the customer who made the request is within  
10 the predetermined area and does not perform the reservation acceptance process when it is decided that the customer is not within the predetermined area.

7. The reservation acceptance system according to claim 6, further comprising:

15 a traffic information obtaining portion for obtaining traffic information around the parking lot or the customer who made the request, the traffic information being transmitted from an information providing portion; and

20 a demand forecast portion for forecasting a future demand of the parking lot in accordance with the obtained traffic information, wherein

the area information has a parameter that indicates a quantity of the demand, so that the predetermined area  
25 is defined as a larger area as the quantity indicated by the parameter is smaller, and

the existence decision portion performs the decision by deciding whether or not the customer who made the request is within an area that is defined in accordance  
30 with the forecasted demand and the area information.

8. A computer program product for use in a computer that performs an acceptance of a reservation, the computer program product comprising:

means for processing an acceptance of a request for  
5 providing a service;

means for obtaining current position information that indicates a current position of a customer who made the request;

means for obtaining area information that defines a  
10 predetermined area around a provision position of the service from an area information storage portion;

means for deciding whether or not the customer who made the request is within the predetermined area in accordance with the current position information and the  
15 area information; and

means for performing a process for accepting a reservation of providing the service that relates to the request when it is decided that the customer who made the request is within the predetermined area.